

Suhas Bhandarkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4778809/publications.pdf>

Version: 2024-02-01

17
papers

210
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of submicrometer crystals of aluminum oxide by aqueous intravesicular precipitation. Journal of Colloid and Interface Science, 1990, 135, 531-538.	9.4	53
2	Synthesis of nanocomposite particles by intravesicular coprecipitation. Journal of Colloid and Interface Science, 1990, 139, 541-550.	9.4	30
3	Kinetics of nucleation from aqueous solution. AIChE Journal, 1990, 36, 1536-1544.	3.6	19
4	Sol-Gel Processing for Optical Communication Technology. Journal of the American Ceramic Society, 2004, 87, 1180-1199.	3.8	16
5	Laser Entrance Hole Window Burst and Pressure Deflections at Cryogenic Temperature. Fusion Science and Technology, 2011, 59, 262-266.	1.1	14
6	Constitutive Models for the Viscoelastic Behavior of Polyimide Membranes at Room and Deep Cryogenic Temperatures. Fusion Science and Technology, 2016, 70, 332-340.	1.1	14
7	Synthesis of aluminum hydroxide nanoparticles in spontaneously generated vesicles. Journal of Materials Research, 1993, 8, 573-577.	2.6	12
8	Understanding the Critical Parameters of the PAMS Mandrel Fabrication Process. Fusion Science and Technology, 2016, 70, 127-136.	1.1	12
9	Fabrication of Low-Density Foam Liners in Hohlräume for NIF Targets. Fusion Science and Technology, 2018, 73, 194-209.	1.1	12
10	Sol-Gel Processing of Tetramethylammonium Silicate. Journal of the American Ceramic Society, 2004, 87, 1789-1791.	3.8	7
11	Fabrication of pure silica films for planar optical waveguides using colloidal suspensions. Journal of Non-Crystalline Solids, 2004, 342, 18-24.	3.1	6
12	Selected-area sol-gel deposition of barium strontium titanate thin films on thermally oxidized silicon through mediation of self-assembled monolayers. Supramolecular Science, 1997, 4, 43-50.	0.7	5
13	D ₂ and D-T Liquid-Layer Target Shots at the National Ignition Facility. Fusion Science and Technology, 2018, 73, 305-314.	1.1	5
14	Prevention of Residual Gas Condensation on the Laser Entry Hole Windows on Cryogenic NIF Targets Using a Protective Warm Film. Fusion Science and Technology, 2018, 73, 380-391.	1.1	3
15	Synthesis of Nanoceramic Particles by Intravesicular Precipitation. Materials Research Society Symposia Proceedings, 1990, 180, 637.	0.1	1
16	Importance of limiting hohlraum leaks at cryogenic temperatures on NIF targets. High Power Laser Science and Engineering, 2017, 5, .	4.6	1
17	Platinum Electrodeposition for Supported ALD Templated Foam Hohlraum Liners. Fusion Science and Technology, 2018, 73, 219-228.	1.1	0